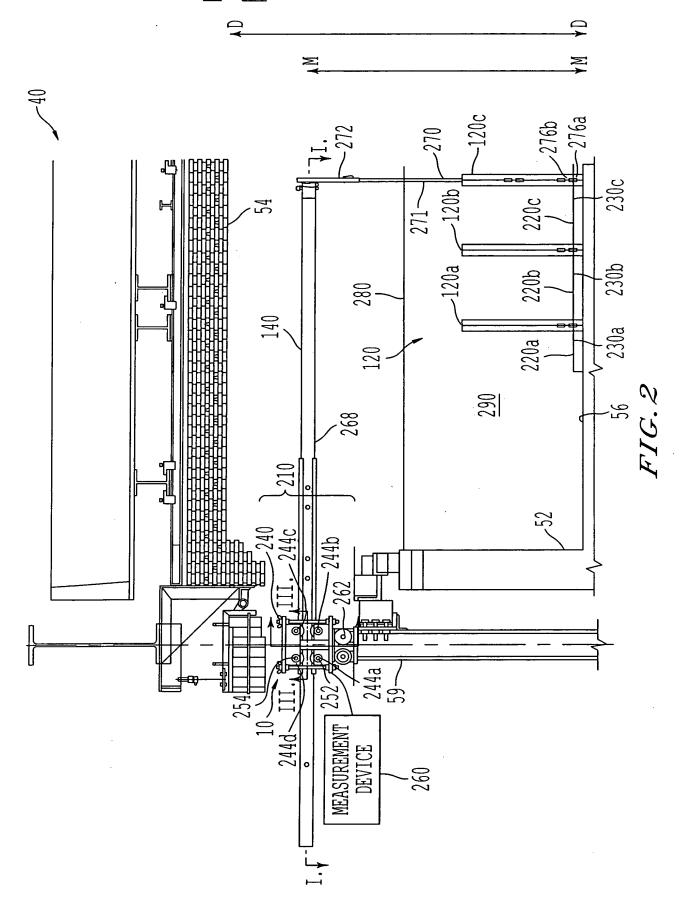


OBLON, SPIVAK, ET AL DOCKET #: 209127US23 INV: W. Allan MERZ, et al. SHEET <u>2</u> OF <u>5</u>



OBLON, SPIVAK, ET AL DOCKET #:209127US23 INV: W. Allan MERZ, et al. SHEET 3 OF 5

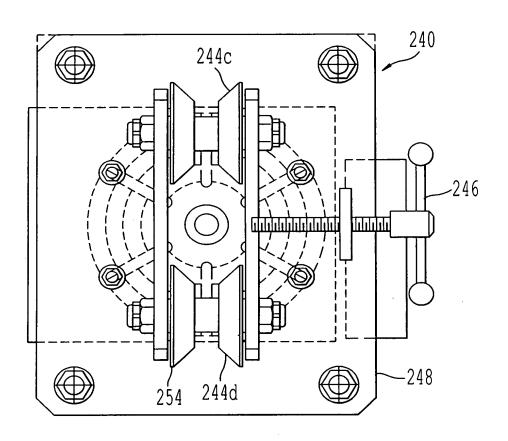


FIG. 3

OBLON, SPIVAK, ET AL DOCKET #:209127US23 INV: W. Allan MERZ, et al. SHEET 4 OF 5

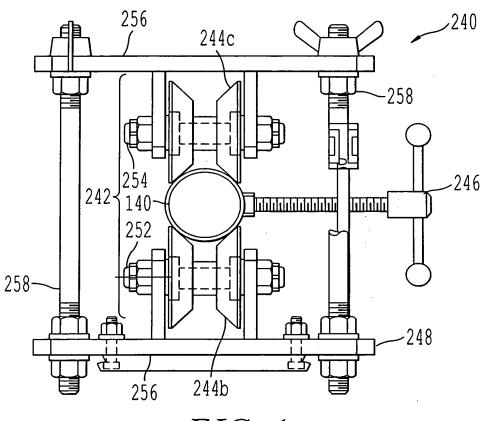


FIG. 4

OBLON, SPIVAK, ET AL **DOCKET #:209127US23** INV: W. Allan MERZ, et al. SHEET 5 OF 5 START MOVE FURNACE PROBE APPARATUS TO A POSITION PROXIMATE TO A -310DESIRED MEASUREMENT POSITION TERMINATE BATCH CHARGING OF THE ELECTRIC FURNACE AND POWER -320SUPPLIED TO THE ELECTRODES POSITION PROBE APPARATUS -330 AT A DESIRED MEASUREMENT POSITION -340 OBTAIN A POSITION MEASUREMENT 350 ARE ADDITIONAL POSITION YES **MEASUREMENTS** NEEDED NO 360 IS THERE WEAR BASED ON **MEASUREMENTS END** FIG.5